

Electronic Filing System (EFS) Data

Electronic Patent Application Submission

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EFS ID: 14166
Application ID: 09683983
Title of Invention: OPTIMIZED BLOCKING IMPURITY
PLACEMENT FOR SIGE HBTs
First Named Inventor: Basanth Jagannathan
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-03-08 
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: BUR920020020
Digital Certificate Holder: cn=Mark F. Chadurjian, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: gH9ecTk9iCW87jxEUiapRw==
Total Fees Authorized: \$824.0

Payment Category: DA – Deposit Account
Deposit Account Number: 90456
Deposit Account Name: Mark F. Chadurjian

TRANSMITTAL FORM

U.S. PTO
JC474 09/683983
03/08/02

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Stylesheet Version: 1.0

Submission Type: Utility
Patent Filing

Attorney Docket
Number:

BUR920020020

OPTIMIZED BLOCKING IMPURITY PLACEMENT FOR SIGE HBTs

First Named Inventor: Basanth Jagannathan

SUBMITTED BY

Name: Mr. Mark F. Chadurjian
Registration Number: 30,739
Electronic Signature Mark: Mark F.
Chadurjian / s/ Date Signed: 20020308

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	bur920020020dec1.tif
declaration	bur920020020dec2.tif
fee-transmittal	bur920020020fee.xml
specification	BUR920020020.xml

bibd-transmittal

bur920020020apds.xml

Attached Image File(s):

bur920020020dec1.tif

bur920020020dec2.tif

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Comments:

Assignee: International Business Machines Corporation, Armonk, New York 10504

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **Optimized Blocking Impurity Placement for SiGe HBTs**

the specification of which:
(check one)

is attached hereto.
 was filed on _____, as Application Serial No. _____ and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Number	Country	Day/Month/Year	Priority Claimed
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I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Applications:

Serial No.	Filing Date	Status
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Mark F. Chadurjian (Reg. No. 30,739), Richard M. Kotulak (Reg. No. 27,712), James M. Leas (Reg. No. 34,372), William D. Sabo (Reg. No. 27,465), Robert A. Walsh (Reg. No. 26,516), Howard J. Walter, Jr. (Reg. No. 24,832), Richard A. Henkler (Reg. No. 39,220), Stanley B. Green (Reg. No. 24,351), Christopher A. Hughes (Reg. No. 26,914), John E. Hoel (Reg. No. 26,279), Joseph C. Redmond, Jr. (Reg. No. 18,753),

Send all correspondence to: International Business Machines Corporation,
Intellectual Property Law - Mail 972E
1000 River Street
Essex Junction, VT 05452

Telephone calls should be directed to Mark F. Chadurjian (802)769-8843

(1) Inventor: Basanth Jagannathan

Signature: _____ Date: _____

Residence: 966 Wolcott Avenue, 1st Floor, Beacon, New York 12508
Citizenship: India
Post Office Address: Same as Residence

(2) Inventor: Alvin J. Joseph

Signature: 

Date: 3/8/2002

Residence: 109 Coyote Lane, Williston, Vermont 05495

Citizenship: United States of America

Post Office Address: Same as Residence

(3) Inventor: Xuefeng Liu

Signature: 

Date: 3/8/2002

Residence: 9 Hopkins Street, South Burlington, Vermont 05403

Citizenship: China

Post Office Address: Same as Residence

(4) Inventor: Kathryn T. Schonenberg

Signature: _____

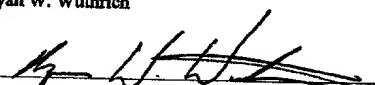
Date: _____

Residence: 17 Kent Road, Wappingers Falls, New York 12590

Citizenship: United States of America

Post Office Address: Same as Residence

(5) Inventor: Ryan W. Wuthrich

Signature: 

Date: 3/8/2002

Residence: 161 Austin Drive, #67, Burlington, Vermont 05401

Citizenship: United States of America

Post Office Address: Same as Residence

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 824

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 090456



Deposit Account Name: International Business Machines Corporation

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Mark F. Chadurjian

Electronic Signature Mark: Mark F. Chadurjian / s /

Date Signed: 20020308

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 20	103	\$ 18	0	\$ 0
Independent Claims: 4	102	\$ 84	1	\$ 84

Subtotal For Extra Claims Fees: \$ 84